

Norphlet Chemical Company

Weekly Report: Aug 11 thru Aug 17, 2008

Vic Forte

Summary: The general work done was. Installed a Relief Valve on PP-08, hooked up a chemical hose from PP-08 to TT-13 and one from AZ-03 to TK-04, mowed grass, installed a culvert and dug a ditch

Systems Contractors

Hunt Guillot visits and work.

Loading and unloading HCL trucks.

Category	Action:
General work	<p>We had to install the Relief Valve back on PP-08 so we could run the pump to empty the system of sodium fluoride. We hooked up the chemical hoses from AZ-03 to TK-04 and the one from PP-08 to TT-13. These are also to assist in emptying the system of sodium fluoride. I know this seems like an easy task, but it took someone suited up in an HF suit several times over a two day period to get these three jobs done.</p> <p>We emptied TK-04 and AZ-03. This means all of the Sodium Fluoride is out of the process plant and in TT-13 storage tank, which now has all new stainless steel HF block valves on it.</p> <p>We then filled TK-04 and AZ-03 with water and neutralized it with caustic. We then drained them and refilled with water again for an extra wash just to be on the safe side.</p> <p>We also washed the entire process plant with water again this week. The entire process plant has now been completely filled with water and drained three times. There may be some HF</p>

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	<p>trapped some where but I don't know how we could have washed the plant any more thoroughly</p> <p>To get TT-13 ready to receive the Sodium Fluoride, there were several valves, gaskets and blinds that had to be removed, changed or replaced There was not one HF leak while transferring this liquid</p> <p>A good, well planned job was done by Dale Singleton and Keith Townley.</p> <p>We also mowed the grass around the office and the guard shacks</p>
	<p>We dug a ditch and installed a culvert on the road to the waste water trucks loading area This was to prevent the road from washing out during a heavy rain.</p> <p>We also located the water and sewer hook up, ready for Systems to tie in to They were buried under some mud and gravel</p>
Hunt-Guillot's	<p>The 3D Auto Cad men only worked two days this week</p> <p>We got five and a half inches of rain Monday and Tuesday that kept them from working. They have to use a camera and a computer outside to do this.</p> <p>They did not work Wednesday because we were moving the sodium fluoride around and I did not want to take a chance with them up in the plant They worked Thursday and Friday and shot all of the vessels to add to the 3D model</p> <p>Ronnie and I visited with HGA at Ruston on Monday, the 11th about the</p>

	Heat Exchangers and conference call with Steve Owens Ronnie will cover more in His report
Loading/Unloading	<ul style="list-style-type: none"> • Loaded <u>16 HCL trucks</u> • Unloaded <u>13 HCL trucks</u> • Unloaded 0 rail cars of HCL • Loaded <u>2 waste water truck</u>
Lab Testing/Phase Separation	Waiting on instructions
For the week of August 18, 2008	(1) General maintenance. (2) Loading (3) Work with Hunt Guillot (4) Start working on TT-12, changing the valves, etc. (5) Lab phase separation test (6) Work with Systems and start taking equipment out

Evert, I hired Taylor Williams back to enable us to put Keith Townley on days with Dale to insure every thing is coordinated, safe and ready for Systems
Taylor—15.00/hr

If you have any questions or comments, please call.

Vic